

AK

**Notice of Allowability**

Application No.

09/667,225

Examiner

Kenny Lin

Applicant(s)

ODA ET AL.

Art Unit

2152

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/30/2007.
2. ☒ The allowed claim(s) is/are 7, 9, 13-14 and 19 now renumbered as 1-5.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |  |  |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)   | 5. <input type="checkbox"/> Notice of Informal Patent Application                      |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO/SB/08),<br>Paper No./Mail Date _____    | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment                    |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|  | 9. <input type="checkbox"/> Other _____.   |




### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Randall Beckers on December 21, 2007.

2. The application has been amended as follows:

1-6. (canceled)

7. (previously presented) A data delivering method delivering data from a source device to a destination device in a system including the source device, a first relay device, a second relay device connected to the first relay device in series, and the destination device, comprising:  
generating structure information, which includes first information to identify first element data to be collected by the first relay device, second information to identify second element data to be collected by the second relay device and third information to identify the second relay device and the destination device, by the source device;

collecting the first element data by the first relay device according to the first information in the structure information;

transmitting the first element data and the structure information from the first relay device to the second relay device according to the third information in the structure information;

collecting the second element data by the second relay device according to the second information in the structure information; and

delivering the first and the second element data from the second relay device to the destination device according to the third information in the structure information.

8. (canceled)

9. (previously presented) A data delivering method delivering data from a source device to a destination device in a system including the source device, a first relay device, and second and third relay devices arranged in parallel, comprising:

generating structure information, which includes first information to identify first element data to be collected by the first relay device, second information to identify second element data to be collected by the second relay device, third information to identify third element data to be collected by the third relay device and fourth information to identify the second relay device and the third relay device, by the source device;

collecting the first element data by the first relay device according to the first information in the structure information;

transmitting the first element data and the structure information from the first relay device to both of the second and third relay devices according to the fourth information in the structure information;

collecting the second element data by the second relay device according to the second information in the structure information;

delivering the first and the second element data from the second relay device to a destination device connected to the second relay device;

collecting the third element data by the third relay device according to the third information in the structure information; and

delivering the first and the third element data from the third relay device to a destination device connected to the third relay device.

10-12. (canceled)

13. (previously presented) A data delivering system delivering data from a source device to a destination device in a system including the source device, a first relay device, a second relay device connected to the first relay device in series, and the destination device, the data delivering system comprising:

said source device generating structure information which includes first information to

identify first element data to be collected by the first relay device, second information to identify second element data to be collected by the second relay device and third information to identify the second relay device and the destination device,

said first relay device collecting the first element data according to the first information in the structure information and transmitting the first element data and the structure information to said second relay device according to the third information in the structure information, and

said second relay device collecting the second element data and delivering the first and second element data according to the second information in the structure information.

14. (previously presented) A data delivering system delivering data from a source device to a destination device in a system including the source device, a first relay device, and second and third relay devices arranged in parallel, the data delivering system comprising:

said source device generating structure information which includes first information to identify first element data to be collected by the first relay device, second information to identify second element data to be collected by the second relay device, third information to identify third element data to be collected by the third relay device and fourth information to identify the second relay device and the third relay device,

said first relay device collecting the first element data according to the first information in the structure

information and transmitting the first element data and the structure information to both the second and third relay devices according to the fourth information in the structure information,

said second relay device collecting the second element data and delivering the first and second element data to a destination device connected to said second relay device according to the second information in the structure information, and

said third relay device collecting the third element data and delivering the first and third element data to a destination device connected to said third relay device according to the third information in the structure information.

15-18. (canceled)

19. (New) A data delivering method delivering data from a source device to a

destination device in a system including the source device, a first relay device, a plurality of second relay devices arranged in parallel, comprising:

generating, by the source device, structure information including information specifying a relay device group including a plurality of second relay devices;

collecting first element data by the first relay device according to the structure information;

recognizing, by the first relay device, the plurality of second relay devices belonging to the relay device group specified by the structure information;

delivering the first element data to the plurality of second relay devices;

respectively collecting element data by the plurality of second relay devices according to the structure information; and

delivering the first element data and the element data collected by the plurality of second relay devices from the plurality of second relay devices to corresponding destination devices.

*Allowable Subject Matter*

3. Claims 7, 9, 13-14 and 19 are allowed.
4. Claim 19 is a replacement of claim 10, which was canceled by mistake. The reason of allowance can be found in the 09/13/2004 Final rejection.
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenny Lin whose telephone number is (571) 272-3968. The examiner can normally be reached on 8 AM to 5 PM Tue.-Fri..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on (571) 272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number:  
09/667,225  
Art Unit: 2152

Page 6

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

ksl  
December 26, 2007

A handwritten signature in black ink, consisting of a stylized 'K' followed by a flourish and a period.